

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Harrison et al.

Serial No.: 09/807,137

Title: Improvements in Water Spreading in Evaporative Coolers

Docket No.: 15-912D1

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT BEFORE CALCULATING FILING FEE

Please cancel all prior claims and substitute the following claims 12-19.

12. A method of spreading water in an evaporative cooler, comprising:

- a) feeding a water stream to a water spreader arrangement,
- b) dividing said water stream into a pair of partial streams by flowing said water stream over a first substantially vertical projection at a first level to divide the stream into partial streams having a predetermined ratio of flow rates as the stream impinges on the first projection; and,
- c) dividing each of the two partial streams into two further streams by flowing each partial stream over an associated one of a pair of further projections at a second level below the first level.

13. The method of claim 12 further including the step of dividing the further streams into still further streams by flowing each of the further streams over an associated one of a plurality of still further projections at a level below the second level.